

a motor connected to said motor control circuit for moving a barrier at a speed determined from the pulse signal;

a detector for detecting a predetermined characteristic relating to movement of the movable barrier; and

a controller for controlling the generation pulses in the pulse signal, the pulses of the pulse signal being controlled to vary a speed of the motor linearly from an initial speed to an adjusted speed determined from the detected characteristic.

Please cancel claims 33 through 40

Please add the following claims.

41. (New) A motor control according to claim 32 wherein the detector comprises apparatus for detecting an obstruction to movement of the barrier and the controller controls the generation of pulses in accordance with the detection of an obstruction.

42. (New) A motor control according to claim 32 wherein the detector comprises apparatus for detecting the size of the barrier to be moved and the controller controls the generation of pulses in accordance with the detected size.

43. (New) A motor control arrangement according to claim 32 wherein the detector comprises apparatus for detecting a maximum length of barrier travel and the controller controls the generation of pulses in accordance with the detected maximum length.